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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Art Unit 2822

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Re:

U.S. Utility Patent Application

Appl. No. 10/020,207; Filed: December 18, 2001

Ball Grid Array Package Substrates with a Modified Central Opening

and Method for Making the Same

Inventors:

Khan et al.

Our Ref:

1875.1640000

Sir:

Transmitted herewith for appropriate action are the following documents:

- PTO Fee Transmittal (Form PTO/SB/17): 1.
- 2. Petition For an Extension of Time Under 37 C.F.R. § 1.136(a)(1);
- 3. Amendment and Reply Under 37 C.F.R. § 1.116;
- 4. Request for Continued Examination (RCE) Under 37 C.F.R. § 1.114;
- 5. Third Supplemental Information Disclosure Statement;
- 6. PTO-Form 1449 citing documents (AA1-AK1, AA2-AK2, AA3-AK3, AA4-AK4, AA5-AE5);
- 7. Copies of the documents cited on PTO-Form 1449;

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

Commissioner for Patents November 14, 2003 Page 2

- 8. Form PTO-2038 Credit Card Payment Form for \$860.00 to cover \$750.00 Request for Continued Examination (RCE) fee; and \$110.00 Extension of Time fee; and
- 9. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

May S. W

Jeffrey S. Weaver Attorney for Applicants

Registration No. 45,608

JSW/asl Enclosures

SKGF_DC1:198563.1

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PTO/SB/17 (10-02)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control of										control number.	
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NOV 14	Applic		cation Number		10/020,207						
רו זטא	L	Filing Date				December 18; 2001					
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				Group Art Unit Attorney Docket No.			2822 · 1875.16400	000 C	E T		
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METHOD OF PAYMENT (check all that apply)				PEE CALCOLATION (Continued)							
☐ Check ☐ Credit card ☐ Money Order ☐ Other** ☐ None ** Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.				3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Fee Fee Description Code (\$) Code (\$)							
Deposit Account Deposit Account Number 19-0036					Fee Code	Fee (\$)	Fee Descriptio	900		Fee Pald	
Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.				130	2051	65	Surcharge - late filing fe	ee or oath			
The Commissioner is authorized to: (check all that apply)				50	2052	25	Surcharge-late provisio sheet	narge-late provisional filing fee or cover			
☐Charge fee(s) indicated below ☐Credit any over payments				130	1053	130	Non-English specification	English specification			
\square Charge any additional fee(s) during the pendency of this application				2,520	1812	2,520	For filing a request for e	ling a request for ex parte reexamination			
Charge fee(1804	920*	1804	920*	Requesting publication action	esting publication of SIR prior to Examiner					
				1,840*	1805	1,840*	Requesting publication action	resting publication of SIR after Examiner			
			1251	110	2251	55	Extension for reply with	in first month	1	\$110.00	
				410	2252	205	Extension for reply with	sion for reply within second month			
FEE CALCULATION				930	2253	465	Extension for reply with	sion for reply within third month			
1. BASIC FILING FEE				1,450	2254	725	Extension for reply with	sion for reply within fourth month			
Large Entity Small Entity				1,970	2255	985	Extension for reply with	sion for reply within fifth month			
Fee Fee Fee Fee Fee Description Fee Paid				320	2401	160	Notice of Appeal	of Appeal			
Code (\$)	Code (\$)		1402	320	2402	160	Filing a brief in support of an appeal				
	2001 375	Utility filing fee	1403	280	2403	140	Request for oral hearing				
	2002 165	Design filing fee					Petition to institute a public use proceeding				
	2003 260 2004 375	Plant filing fee Reissue filing fee	1451	1,510		·					
	2005 80	Provisional filing fee	1452	110	2452	55	Petition to revive - unavoidable				
			1453	1,300	2453	650	Petition to revive - unin	tentional			
		SUBTOTAL (1) (\$) 0	1501	1,300	2501	650	Utility issue fee (or reis	sue)			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				470	2502	225 E	ST AVAILA	DIE	000		
Fee from Extra below Fee Paid				630	2503	315	Plant issue fee	ADLE	COP		
Total Claims 20** = X = Indep. Claims 3** = X =				130	1460	130	Petitions to the Commis	ons to the Commissioner			
Multiple Dependent =				50	1807	50	Processing fee under 3	ssing fee under 37 CFR 1.17(q)			
Large Entity _I Small Entity				180	1806	180	Submission of Informat	ission of Information Disclosure Stmt			
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description	8021	40	8021	40	Recording each patent property (times number	ording each patent assignment per erty (times number of properties)			
1202 18	2202 9 C	claims in excess of 20	1809	750	2809	375	Filing a submission after	g a submission after final rejection (37 CFR			
1201 84		ndependent claims in excess of 3	1040	750	2040	275	1.129(a))	129(a))			
1203 280		fultiple dependent claim, if not paid	1810	750	2810	375	(37 CFR 1.129(b))	or each additional invention to be examined (7 CFR 1.129(b))			
1204 84	2204 42 **	Reissue independent claims over original patent	1801	750	2801	375	Request for Continued	equest for Continued Examination (RCE) \$750.00			
1205 18	2205 9 *1	05 9 **Reissue claims in excess of 20 1802 900 Request for expedited examination of a							of a design		
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**or number pr	reater; For Reissue, see above	• Red	* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 860.00								
SUBMITTED BY Complete (if applicable)											
		Jeffrey S. Weaver	ration N	0.		45,608	Telephone	202-371			
				(Attorney/Agent)							
Signature Apr & W-								Date	11-14	-05	